



Technical Program Schedule

International Conference on Climate Resilient Infrastructures and Communities (INTERLINC)

Dates: 28th to 30th March, 2024

Event Venue: Department of Civil Engineering, IIT (BHU) Varanasi
Online Participants: WebEx Platform – Day-wise joining links will be provided to registered participants.
Calendar Invitations in Email.

Day 1 – 28.03.24 (Friday) – Bituminous Innovations for Climate-Resilient Infrastructure

WebEx Link – TBD

08:30 – 09:45	Inauguration of the Program - Prof. Pramod Kumar Jain, Director, IIT (BHU), Dean R&D, IIT (BHU) Varanasi, Prof. Sasankasekhar Mandal (Head of the Department, Civil Engineering), Dr. Basuraj Bhowmik, Dr. Agnivesh Pani, Prof. Subimal Ghosh, and Prof. Alan Carter; Dr. Prachi Kaul
9:45 – 10:15	High-Tea
10:15 – 10:30	Keynote lecture on Shastri Indo-Canadian Institute and Lecture Grant Program's Vision (<i>Dr. Prachi Kaul, Shastri Indo-Canadian Institute</i>)
10:30 – 12:00	Session 1 – Introduction to Bituminous Engineering for Climate Resilient Infrastructures: Fundamentals and Design (<i>Prof. Alan Carter, ETS Montreal</i>)
12:00 -12:15	Mid-morning break
12:15 -13:15	Session 2 – Climate resilient infrastructure monitoring of smart cities (<i>Dr. Basuraj Bhowmik, IIT(BHU), Varanasi</i>)
13:15 – 14:30	Day-1 Lunch
14:30 – 16:00	Session 3 – Intelligent Transportation Systems (ITS) deployment in Indian smart cities and pathways for future advancements in traffic management (<i>Dr. Rajesh Krishnan, CEO, ITS Planners and Engineers, India</i>)

Day 2 – 29.03.24 (Saturday) – Hydro-Climatic Insights on Indian Monsoon and Global Trends

WebEx Link – TBD

10:00 – 11:30	Session 4 – Enhancing predictive accuracy for Indian Monsoon (<i>Prof. Subimal Ghosh, IIT Bombay</i>)
11:30 – 11:45	Refreshment Break
11:45 – 13:15	Session 5 – Sustainable Practices in Bituminous Engineering – Opportunities and Challenges (<i>Dr. Agnivesh P., IIT(BHU), Varanasi</i>)
12:30 - 14:00	Day 2 Lunch
14:00 – 15:30	Session 6 – Decoding feedback mechanisms orchestrating climate resilient infrastructures (<i>Dr. Athira Gopinath, IIT Palakkad</i>)



Day 3 – 30.03.24 (Wednesday) – Data Analytics and Optimization for Climate Change Projections
WebEx Link – TBD

10:00 – 11:30	Session 7 – Urban Transport Modeling and Simulation of Climate Resilient Smart Cities (<i>Dr. Lakshay, IIT(BHU)</i>)
11:30 – 11:45	Refreshment Break
11:00 – 12:30	Session 8 – Heritage Management and Travel Behavior for Urban Design (<i>Dr. Rabi Mohanty, IIT(BHU)</i>)
12:30 - 14:00	Day 3 Lunch
14:00 – 15:30	Session 9 – Cementitious composites for climate resilient infrastructures in India (<i>Dr. Aditya Medury, IIT Kanpur</i>)
15:30 – 16:00	Tea Break
16:00 – 17:30	Session 10 – Vote of thanks, Certificate distribution to In-house participants